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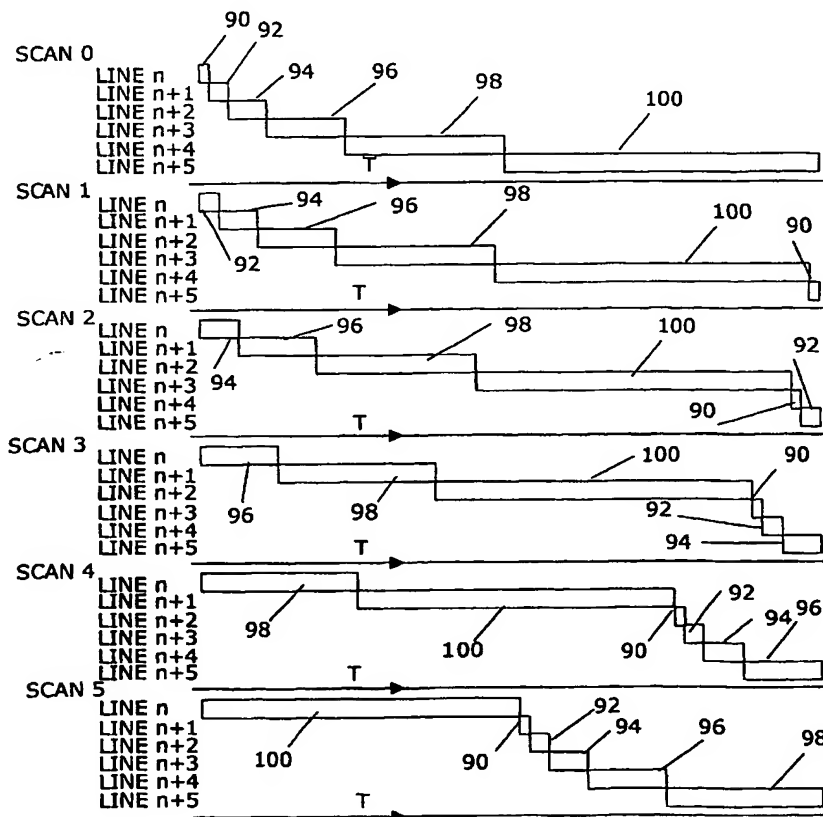
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(54) Title: LINE SCANNING IN A DISPLAY



(57) Abstract: The present invention relates to a method of scanning lines in a display, a device for scanning lines and a portable electronic device including such a device. Driving luminance information for each pixel within a frame is divided into subfields (90, 92, 94, 96, 98, 100). Subfields are selected for scanning in a set of scanning cycles (Scan 0, Scan 1, Scan 2, Scan 3, Scan 4, Scan 5) equivalent to the existing number of subfields, lines are scanned consecutively and selection of subfield is varied from line to line in each scanning cycle such that no two consecutive line scans use the same subfield and no line is scanned using the same subfield twice during the set. Image flicker caused by the subfields is reduced.



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